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In Re Patent Application of:
Siani, M.A. *et al.*

Examiner: Celsa, B.M.

Serial No.: 09/144,838

Art Unit: 1627

Filed: August 31, 1998

Atty. Dkt.: 3504.183 GRFN 020/01-US

For: **Modular Protein Libraries and
Methods of Preparation**

Reply

Honorable Director of Patents
& Trademarks
Washington, D.C. 20231

Sir:

In Response to the Final Official Action of June 17, 2002, the time for responding to which has been extended by the accompanying request for an Extension of Time, issued with respect to the present application, Applicants herewith submit the following Amendments and Remarks.

Amendments

In The Claims:

Please amend Claims 28-30 and 32-35 to read as follows:

28. **[Three Times Amended]** A method of producing a cross-over protein that contains at least one peptide segment whose sequence is derived from a first protein, and at least one peptide segment whose sequence is derived from a second protein, wherein said second protein has an amino acid sequence that is different from that of said first protein, and wherein each of said peptide segments possesses an N-terminal amino acid residue and a C-terminal amino acid residue, said method comprising:

ligating under chemoselective chemical ligation conditions (i) at least one peptide segment comprising a functional protein module derived from said first